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NOTICE OF ALLOWANCE AND FEE(S) DUE

7590

01/27/2005

Mitchell S. Bigel Myers Bigel Sibley & Sajovec, P.A. P.O. Box 37428 Raleigh, NC 27627 EXAMINER HOANG, HUAN

ART UNIT

PAPER NUMBER

2827

DATE MAILED: 01/27/2005

APPLICATION NO. FILING DATE		FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/773,024	02/05/2004	Jae-woong Lee	5649-1221	5323

TITLE OF INVENTION: INTEGRATED CIRCUIT MEMORY DEVICES AND OPERATING METHODS THAT ARE CONFIGURED TO OUTPUT DATA BITS AT LOWER RATE IN A TEST MODE OF OPERATION

APPLN. TYPE	SMALL ENTITY	ISSUÉ FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1400	\$300	\$1700	04/27/2005

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATEN PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHT THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPO PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM TH MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THE STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOV REFLECTS A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE APPLIED IN THIS APPLICATION. THE PTOL-85B (O AN EQUIVALENT) MUST BE RETURNED WITHIN THIS PERIOD EVEN IF NO FEE IS DUE OR THE APPLICATION WIL BE REGARDED AS ABANDONED.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

- A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.
- B. If the status above is to be removed, check box 5b on Part B Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

- A. Pay TOTAL FEE(S) DUE shown above, or
- B. If applicant claimed SMALL ENTITY status before, or is n claiming SMALL ENTITY status, check box 5a on Part B Fee Transmittal and pay the PUBLICATION FEE (if required) and 1 the ISSUE FEE shown above.
- II. PART B FEE(S) TRANSMITTAL should be completed and returned to the United States Patent and Trademark Office (USPTO) w your ISSUE FEE and PUBLICATION FEE (if required). Even if the fee(s) have already been paid, Part B Fee(s) Transmittal should completed and returned. If you are charging the fee(s) to your deposit account, section "4b" of Part B Fee(s) Transmittal should completed and an extra copy of the form should be submitted.
- III. All communications regarding this application must give the application number. Please direct all communications prior to issuance Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail

Mail Stop ISSUE FEE Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

or Fax (703) 746-4000

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed wh appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" maintenance fee notifications.

maintenance fee notification	18		specifying	a new correspondence address	; and/or (b) indicating a sep	irate TEE ADDRESS"	
	CE ADDRESS (Note: Use Block 1 for	any change of address)		papers. Each addition	f mailing can only be used fair certificate cannot be used all paper, such as an assignment	or domestic mailings of for any other accompany ent or formal drawing, m	
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Mitchell S. Bigel Myers Bigel Sibley P.O. Box 37428 Raleigh, NC 27627	-			Ce I hereby certify that the States Postal Service addressed to the Matransmitted to the USI	rtificate of Mailing or Transhis Fee(s) Transmittal is bein with sufficient postage for fit is Stop ISSUE FEE address PTO (703) 746-4000, on the control of	smission g deposited with the Un st class mail in an envel above, or being facsim date indicated below.	
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APPLICATION NO.	FILING DATE	F	FIRST NAME	D INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
10/773,024	02/05/2004		Jae-wo	ong Lee	5649-1221	5323	
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nonprovisional	NO	\$1400	-	\$300	\$1700	04/27/2005	
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HOANG	, HUAN	2827		365-221000	J		
1. Change of correspondence	e address or indication of "Fe	ee Address" (37	2. For pri	nting on the patent front page, li	st		
CFR 1.363). Change of correspond	ence address (or Change of	Correspondence	(1) the na	umes of up to 3 registered pater	nt attorneys 1		
	ence address (or Change of 22) attached.		(2) the na	me of a single firm (having as	a member a 2		
☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.			registered attorney or agent) and the names of up to				
3. ASSIGNEE NAME AND	RESIDENCE DATA TO B	E PRINTED ON T	HE PATEN	T (print or type)			
PLEASE NOTE: Unless recordation as set forth in	an assignee is identified be 37 CFR 3.11. Completion	slow, no assignee dof this form is NOT	lata will app a substitute	pear on the patent. If an assign for filing an assignment.	nee is identified below, the d	ocument has been filed	
(A) NAME OF ASSIGNI	EE	(B)	RESIDENC	CE: (CITY and STATE OR CO	UNTRY)		
Places should the appropriate		2 7. 20	. 1 . 4				
4a. The following fee(s) are					orporation or other private gro	oup entity Governm	
				TNAMED INVENTOR Jae-woong Lee 5649-1221 5323 ND OPERATING METHODS THAT ARE CONFIGURED TO OUTPUT DATA BITS AT PUBLICATION FEE TOTAL FEE(S) DUE \$300 \$1700 O4/27/2005 CLASS-SUBCLASS 365-221000 For printing on the patent front page, list) the names of up to 3 registered patent attorneys agents OR, alternatively,) the name of a single firm (having as a member a gistered attorney or agent) and the names of up to registered patent attorneys or agents. If no name is sted, no name will be printed. PATENT (print or type) will appear on the patent. If an assignee is identified below, the document has been filed abstitute for filing an assignment. SIDENCE: (CITY and STATE OR COUNTRY) on the patent): Individual Corporation or other private group entity Government of Fee(s): A check in the amount of the fee(s) is enclosed. Payment by credit card. Form PTO-2038 is attached. The Director is hereby authorized by charge the required fee(s), or credit any overpayment osit Account Number (enclose an extra copy of this form). Dece (if any) or to re-apply any previously paid issue fee to the application identified above. anyone other than the applicant; a registered attorney or agent; or the assignee or other part e.e.			
			Payment by credit card. Form PTO-2038 is attached				
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5. Change in Entity Status	(from status indicated above)	_ .		()	opy of this formy.	
	MALL ENTITY status. See 3						
The Director of the USPTO i NOTE: The Issue Fee and Pu interest as shown by the reco	is requested to apply the Issu ablication Fee (if required) was rds of the United States Pate	e Fee and Publicati vill not be accepted nt and Trademark (on Fee (if ar from anyone Office.	ny) or to re-apply any previousle other than the applicant; a reg	y paid issue fee to the applica istered attorney or agent; or th	tion identified above. ne assignee or other part	
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Myers Bigel Sibley P.O. Box 37428	& Sajovec, P.A.		ART UNIT	PAPER NUMBER	
Raleigh, NC 27627			2827		

DATE MAILED: 01/27/2005

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 0 day(s). If the issue fee is paid on the date that is three months after t mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a h months) after the mailing date of this notice, the Patent Term Adjustment will be 0 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date th determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retriev (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office Patent Legal Administration at (571) 272-7702. Questions relating to issue and publication fee payments should directed to the Customer Service Center of the Office of Patent Publication at (703) 305-8283.